

Figure 1A

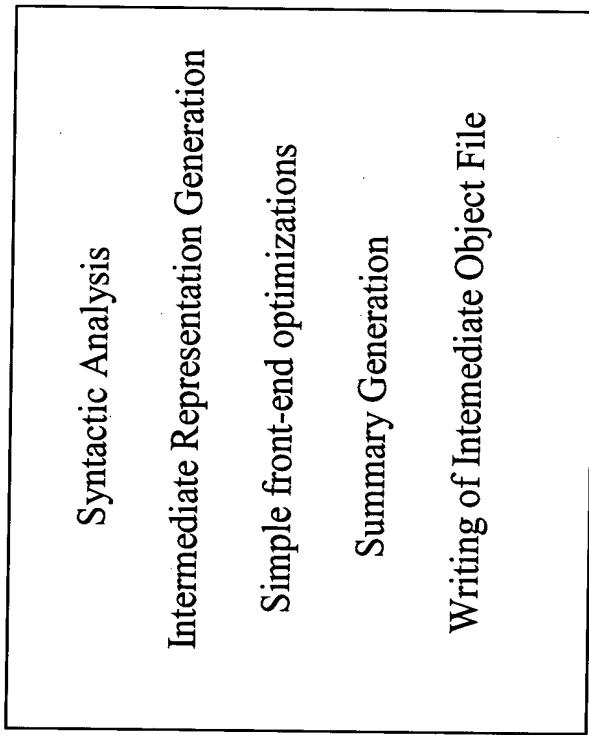


Figure 1B

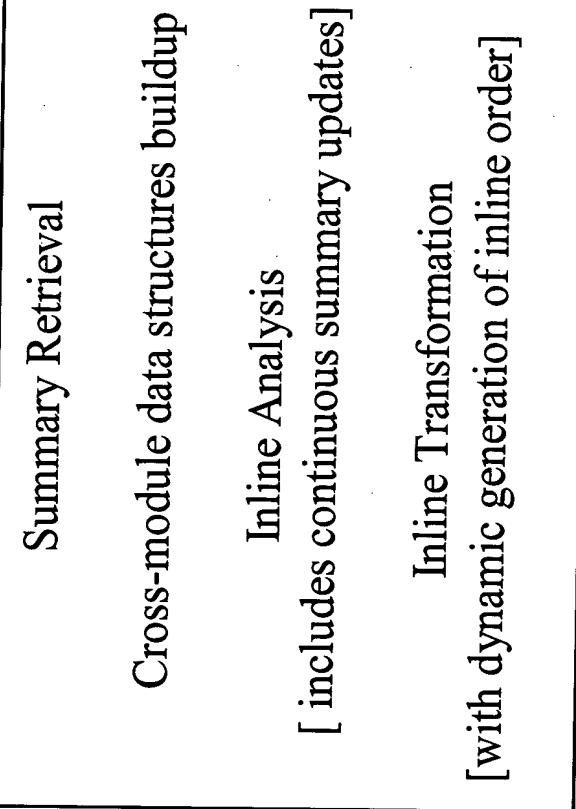


Figure 1C

Improving Run-Time Performance With Call Site InLine Specialization

Inventor(s): Dhruva Ranjan Chakrabarti, et al.
Atty Docket No. 200314557-1

```

main()
{
    foo();
    {
        foo();
        bar();
    }
    {
        foo();
        bar();
    }
    {
        foo();
        bar();
    }
}

```

Figure 2A
(Background Art)

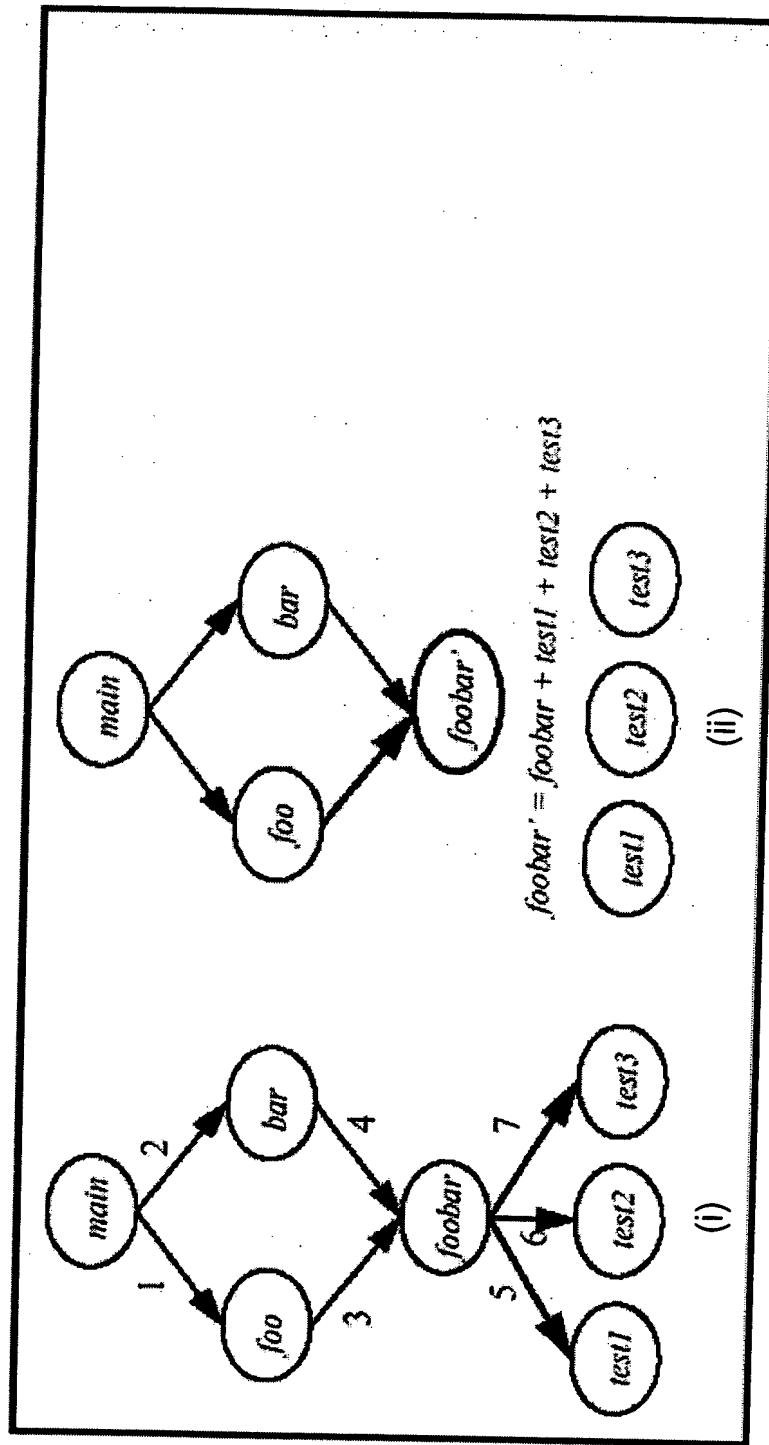


Figure 2B
(Background Art)

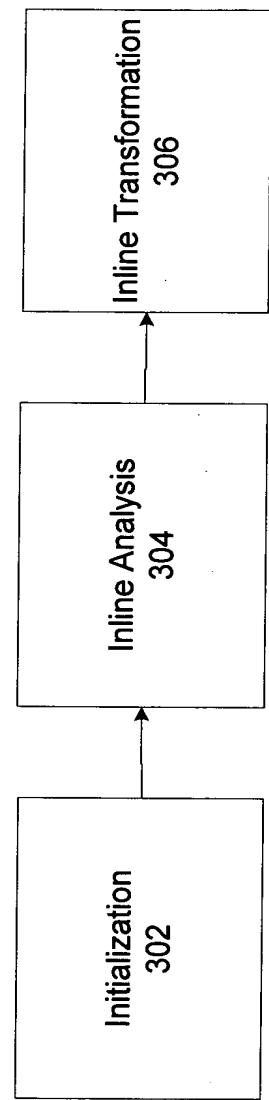


Figure 3

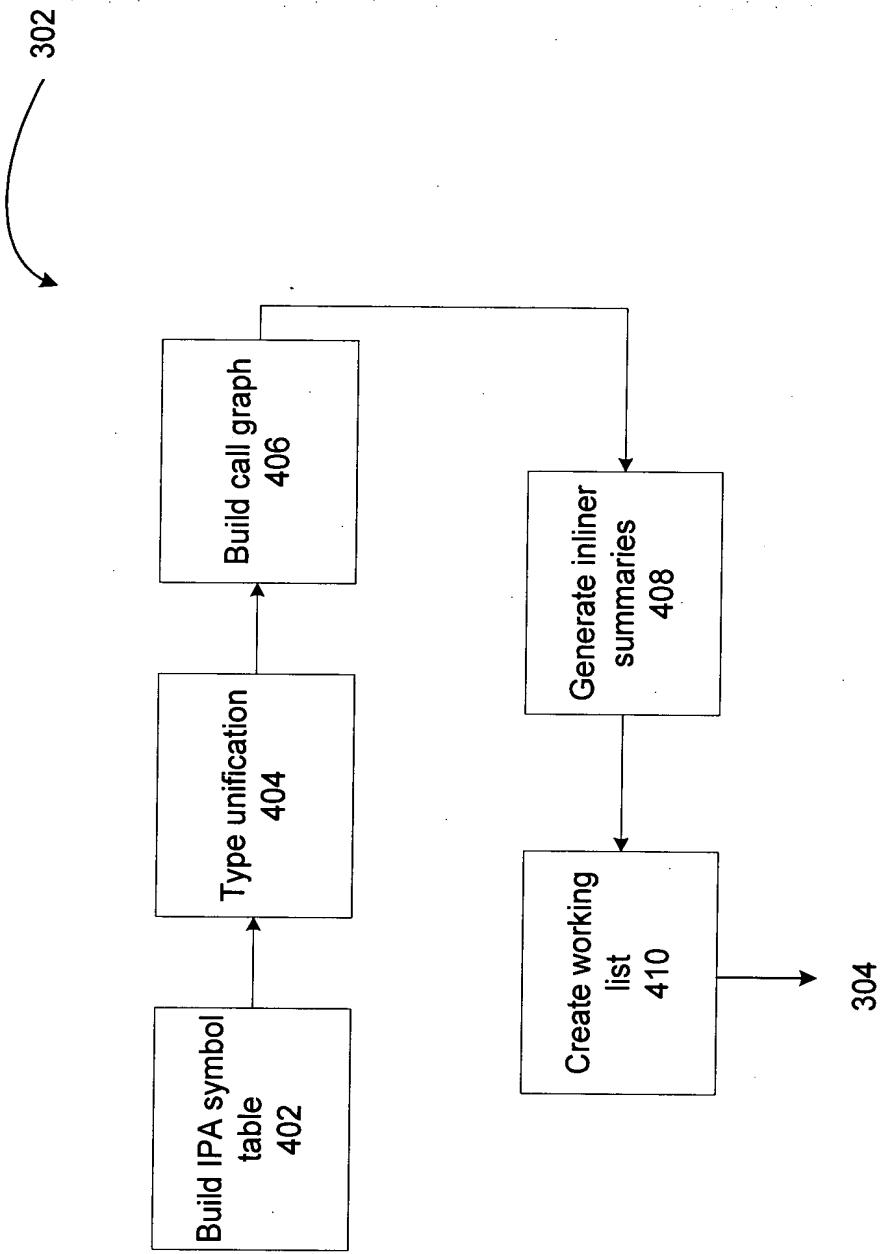


Figure 4

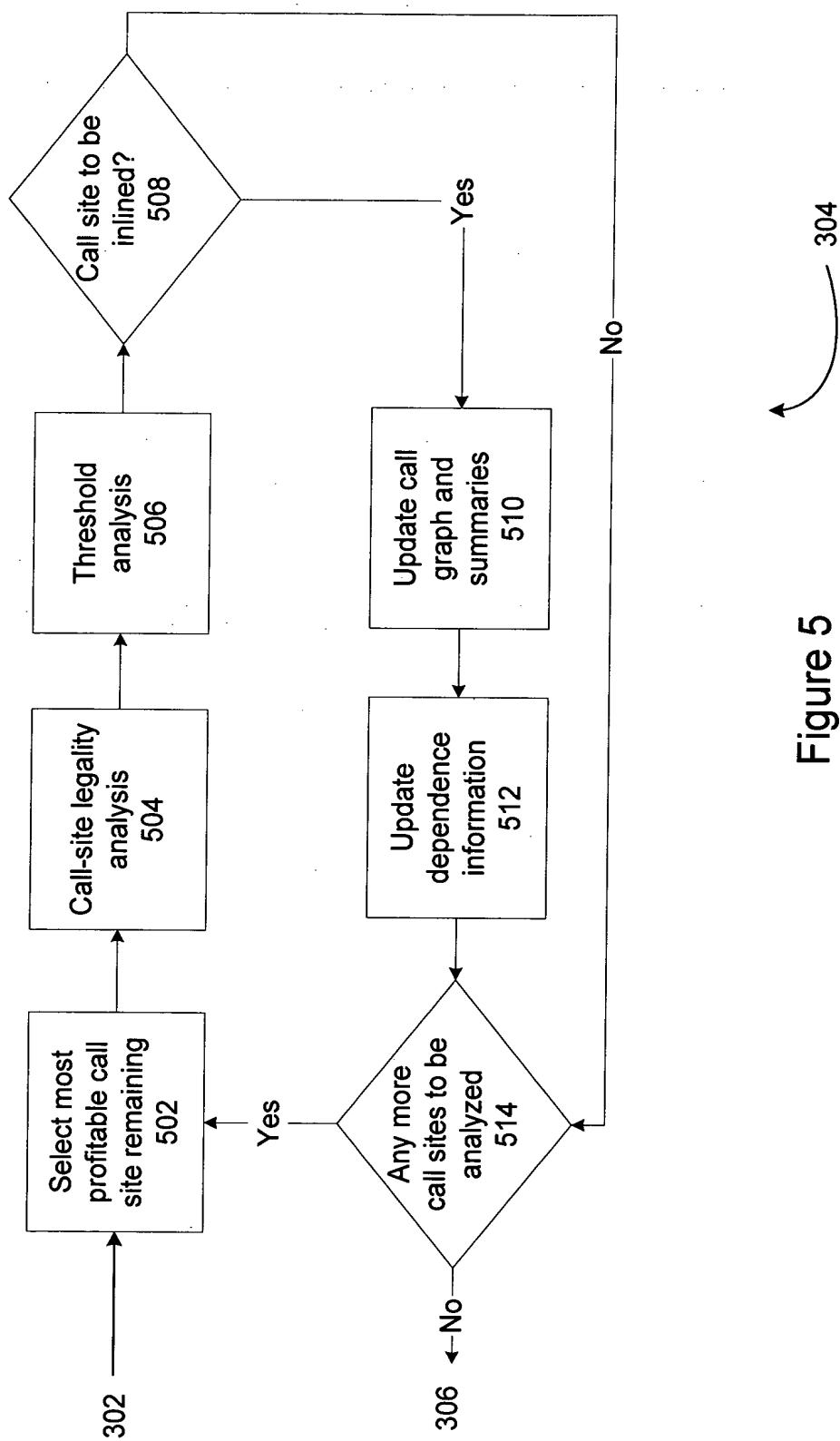


Figure 5

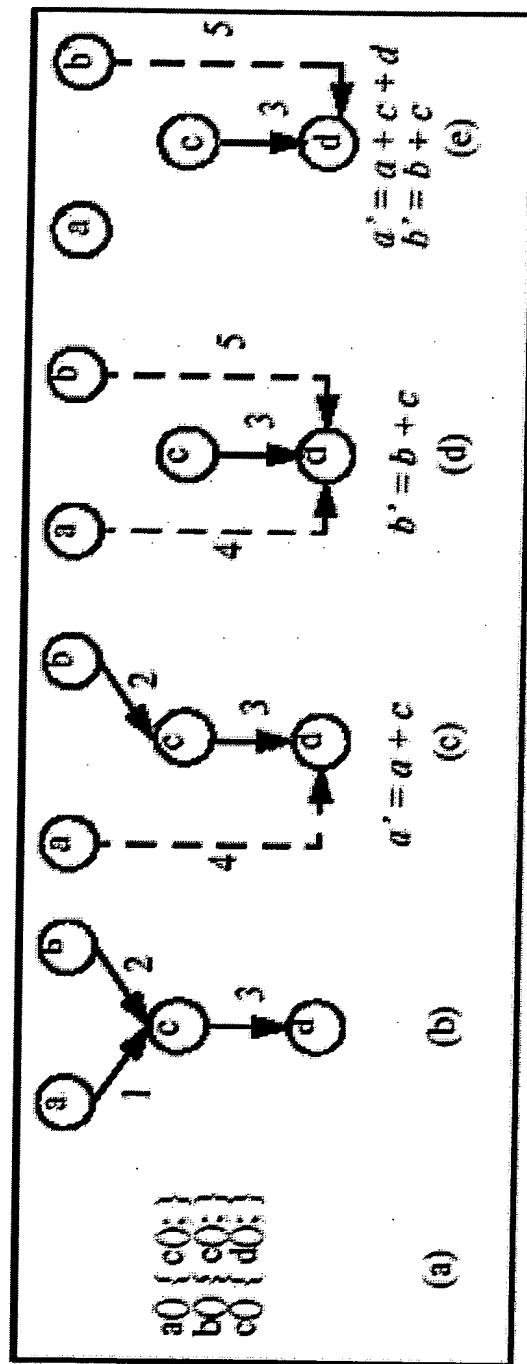


Figure 6

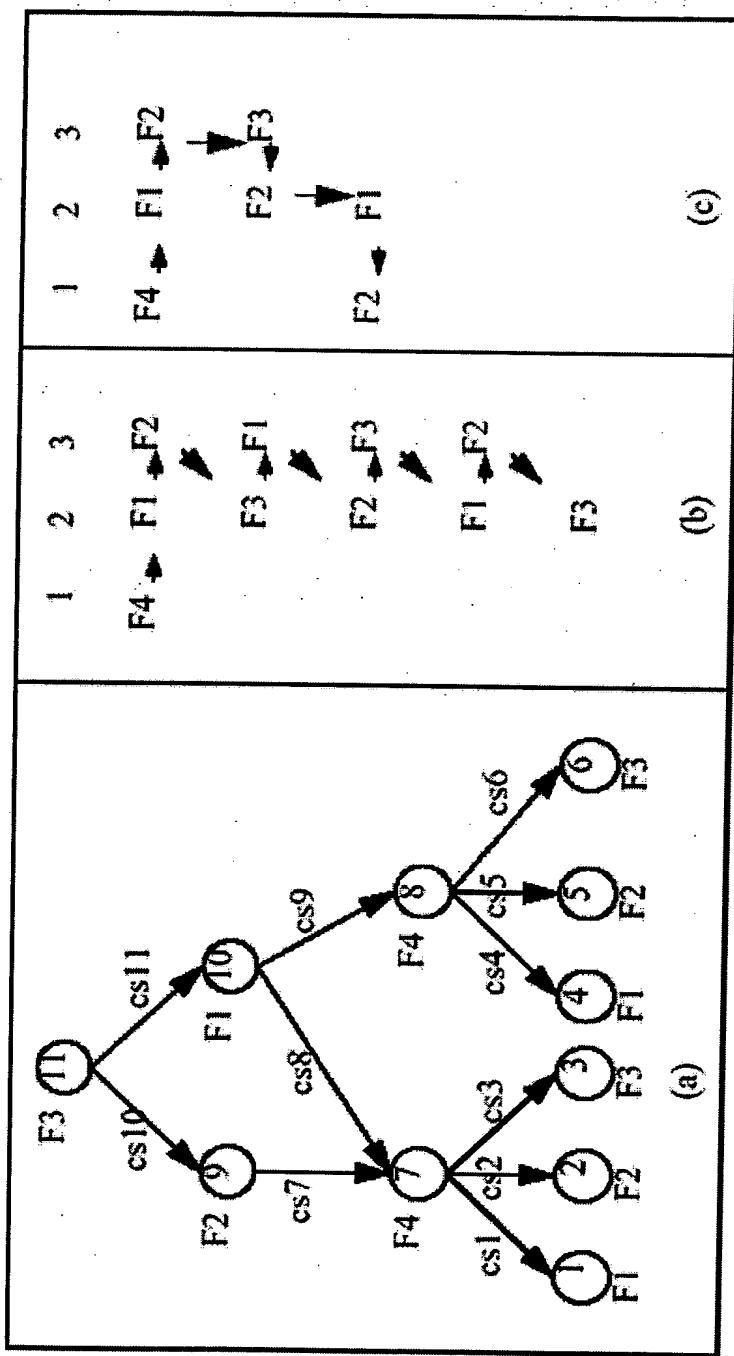


Figure 7

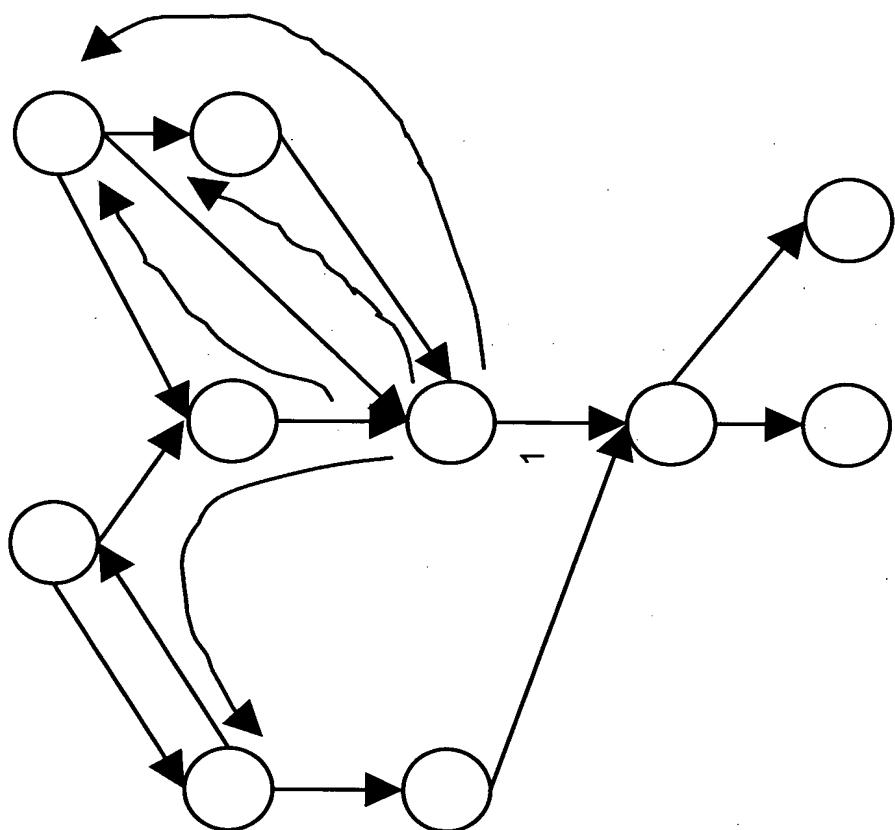


Figure 8

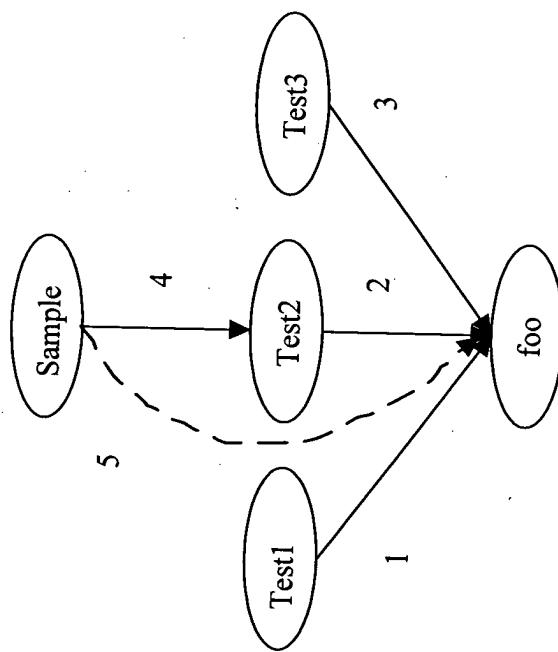


Figure 9

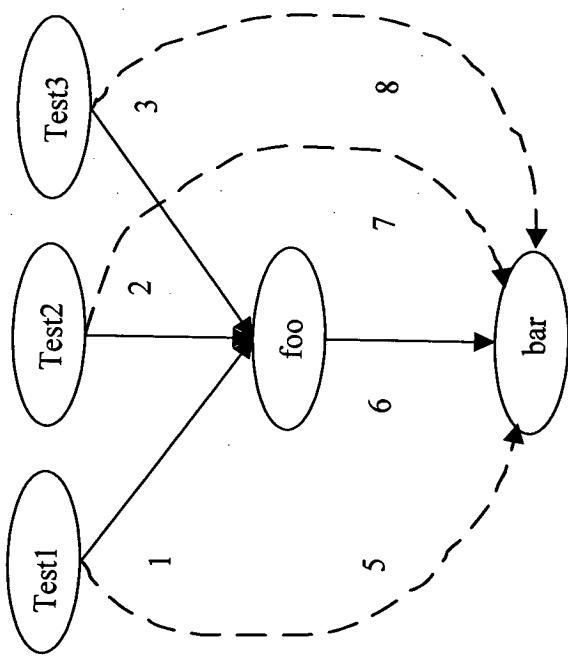


Figure 10

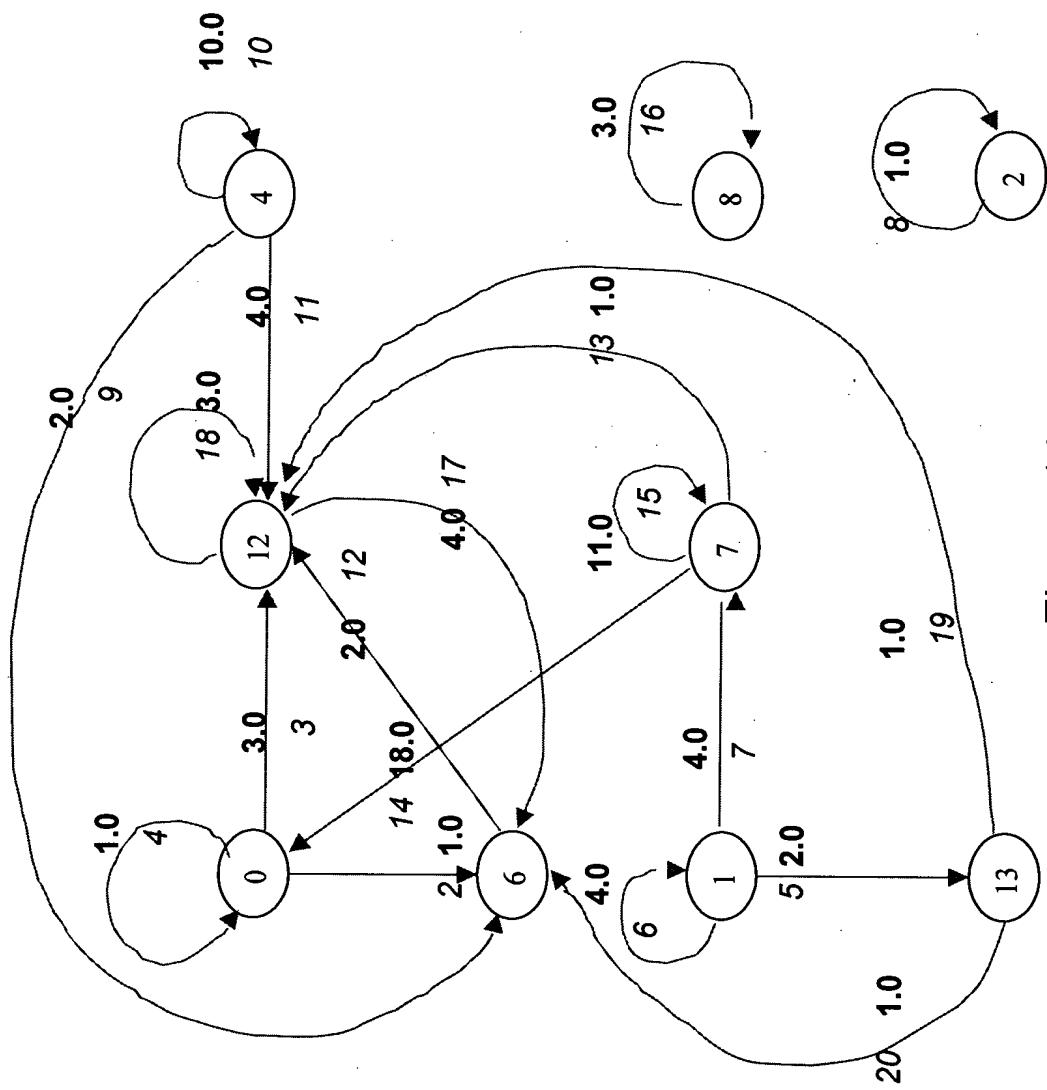


Figure 11

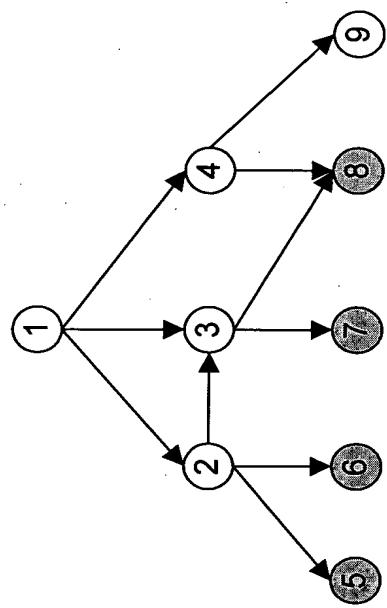


Figure 12